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(54) AUTOMATIC PAPER-SUPPLYING SYSTEM FOR RECORDER

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PURPOSE: To provide an automatic paper-supplying system for a recorder which can be constructed in a small size and inexpensively, by a construction wherein an automatic paper-supplying device comprises a paper-supplying cassette and a paper-supplying roller, and a recording is provided with a discharging roller for a paper enclosed in a cassette.

CONSTITUTION: Each combined paper-supplying roller and paper support 19 is fitted over an angular shaft part of a tractor shaft 16, can be freely moved in the axial direction, and is rotated together with the shaft 16. The roller 19 has a surface formed of a material having a high coefficient of friction, and the outer peripheral surface thereof is provided with rugged patterns with a predetermined pitch for discharging the paper. The paper-supplying roller 65 is fixed to a paper-supplying roller shaft 66, is formed of a material having a high coefficient of friction, while the shaft 66 is rotatably supported on an upper cover 64 through a shaft, and a paper-supplying gear 67 is fixed to an end part of the shaft 66. The gear 67 can be engaged with an idle gear 7 under the condition where the paper-supplying cassette is mounted onto a mount plate 58 of a printer. Accordingly, since the cassette provided with the paper-supplying roller is detachably fitted to the recorder provided with the paper-discharging roller, the automatic paper-supplying system can be achieved with an extremely overall size and at low cost.

